Aneesh Pallapolu

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SUMMARY

I am a Software Engineer with experience designing and developing web-based software solutions using Python, TypeScript, and modern frameworks. I have foundational exposure to cloud-based software development through academic work, internships, and hands on projects, including use of Salesforce CRM and AWS cloud services. My experience with AI and ML comes from coursework and project-based implementations, where I focused on integrating models into larger web systems and supporting data driven features. I am comfortable working in Agile environments, contributing to system design discussions, writing and testing code, and continuously improving my technical skills.

EDUCATION

Georgia State University   Atlanta, GA
Bachelor of Science in Computer Science   *Graduated: May 2025*

RELATED COURSEWORK

Data Structures, System-Level Programming (C), Computer Organization and Programming (Assembly Language), Software Development (Java & SQL), Software Engineering (Full-Stack), Web Programming (HTML, CSS, PHP & JavaScript), Design Analysis Algorithms, Database Systems, Data Mining, Fundamentals of Data Science, Machine Learning, Intro to Deep Learning

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, PHP, HTML/CSS, C#, Java, MySQL
Frameworks: React, Node.js, Flask, Express.js, React Native, Expo, Next.js
Cloud & DevOps: Salesforce, AWS Lambda, Firebase, CI/CD pipelines, GitHub Actions, basic cloud deployment and automation workflows
Libraries & Tools: pandas, NumPy, Matplotlib, OpenAI APIs, Git, GitHub, VS Code, Jupyter Notebooks, MongoDB, Firestore, Jira, Confluence, Figma, Clerk

CERTIFICATIONS

- **PCEP** (Certified Entry-Level Python Programmer) - Credential ID: aYjm.6YeV.mx7N
- **PCAP** (Certified Associate in Python Programming) - Credential ID: mwP8.92FR.xMPz
- **Salesforce Certified AI Associate** - Credential ID: 5525857
- **Salesforce Certified Agentforce Specialist** - Credential ID: 7320907
- **AWS Certified Machine Learning Associate** - In Progress

EXPERIENCE

Greenstand   Aug 2025 – Present
Software Engineer   *Remote*

- Developing and expanding core features across Greenstand's web and mobile platforms using TypeScript, React, and React Native, contributing to a production scale application used by a growing user base.
- Engineering clean integrations between frontend components and backend services, designing seamless and reliable data flows that improve performance, scalability, and overall system maintainability.
- Collaborating with engineers and stakeholders to define technical requirements and contribute to architectural decisions that support long term platform evolution.
- Implementing, testing, and debugging features to ensure stability and a consistent end-to-end user experience across platforms.
- Documenting feature behavior, integration points, and technical considerations to support ongoing development and team collaboration.
- Participating in Agile development cycles, including planning discussions, progress updates, and retrospectives.

McKesson   Jun 2025 - Aug 2025
CoverMyMeds Technology Intern   *Columbus, OH*

- Re-architected a legacy PHP-based screen using the Remix React framework, delivering a modernized UI that reduced load times by 30% and added new features that improved usability and streamlined user interactions.
- Translated backend API logic from PHP to TypeScript, improving clarity, maintainability, and front-end integration.
- Worked closely with engineers and product managers to align technical implementation with business and healthcare domain requirements.
- Wrote and executed unit-level tests, assisted with debugging, and participated in peer code reviews.
- Contributed to Agile Scrum workflows including sprint planning, stand-ups, and retrospectives, using Jira to track tasks, user stories, and sprint progress.
- Documented technical changes, feature behavior, and development notes in Confluence to support team visibility and knowledge sharing.
- Supported CI/CD workflows and build automation using tools such as Jenkins.

PROJECTS

Effipay | *Next.js, Python, AWS Lambda, MongoDB, OpenAI, Plaid*
- Developed an AI-powered payment routing engine using AWS Lambda to dynamically optimize payment methods and maximize rewards.
- Engineered a personalized credit card recommendation system with MongoDB vector search and fine-tuned BERT-based embeddings.
- Streamlined the checkout process through a centralized payment interface consolidating multiple payment methods.
- Built an interactive insights dashboard with integrated chatbot support for real-time expenditure analysis and reward tracking.

PantherInsights | *Next.js, TypeScript, Python, Firestore, Tailwind CSS*
- Developed a web and mobile app platform, Panther Insights, for GSU students to review their computer science professors.
- Implemented features such as charts and ratings to provide insights into teaching styles, engagement, and effectiveness.
- Collaborated with a team under the guidance of Professor Louis Henry, enhancing technical skills and fostering innovation.
- Continually improving the platform to better serve the student community and support informed decision-making.

Kavi Media Landing Website | *HTML/CSS, JavaScript, PHP*
- Developed and designed the landing page for Kavi Media, showcasing the platform's services and content offerings.
- Implemented responsive web design for seamless user experience across devices, ensuring accessibility and optimal performance.
- Integrated PHP for backend processing to manage form submissions and dynamic content display.
- Collaborated with the team to enhance the overall visual appeal and user engagement of the site.

ACTIVITES

- 2nd place winner at the GSU Technology Immersion Challenge 2024 - Cybersecurity Hackathon.
- 8th place winner at the 2019 Georgia State-Level Future Business Leaders of America (FBLA) competition.